

MINI FOCUS LED PROJECTOR

WHARM WHITE
COLD WHITE



User's Manual Rel 1.4 GB

D.T.S. Illuminazione srl - ITALY
<http://www.dts-lighting.it>



The Lighting Company

Made in Italy

Le informazioni contenute in questo documento sono state attentamente redatte e controllate. Tuttavia non è assunta alcuna responsabilità per eventuali inesattezze. Tutti i diritti sono riservati e questo documento non può essere copiato, fotocopiato, riprodotto per intero o in parte senza previo consenso scritto della D.T.S .

DTS si riserva il diritto di apportare senza preavviso cambiamenti e modifiche estetiche , funzionali o di design a ciascun proprio prodotto. D.T.S non assume alcuna responsabilità sull'uso o sull'applicazione dei prodotti o dei circuiti descritti.

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied,

photocopied or reproduced, in part or completely, without prior written consent from D.T.S.

D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

Les informations contenues dans le présent manuel ont été rédigées et contrôlées avec le plus grand soin. Nous déclinons toutefois toute responsabilité en cas d'éventuelles inexactitudes. Tous droits réservés. Ce document ne peut être copié, photocopié ou reproduit, dans sa totalité ou partiellement, sans le consentement préalable de D.T.S.

D.T.S. se réserve le droit d'apporter toutes modifications et améliorations esthétiques, fonctionnelles ou de design, sans préavis, à chacun de ses produits. D.T.S. décline toute responsabilité sur l'utilisation ou sur l'application des produits ou des circuits décrits.

Las informaciones contenidas en este documento han sido cuidadosamente redactadas y controladas. Con todo, no se asume ninguna responsabilidad por eventuales inexactitudes. Todos los derechos han sido reservados y este documento no puede ser copiado, fotocopiado o reproducido, total o parcialmente, sin previa autorización escrita de D.T.S.

D.T.S. se reserva el derecho a aportar sin previo aviso cambios y modificaciones de carácter estético, funcional o de diseño a cada producto suyo. D.T.S. no se asume responsabilidad de ningún tipo sobre la utilización o sobre la aplicación de los productos o de los circuitos descritos.

DESCRIPTION

MINI FOCUS WHITE

MINI FOCUS WHITE is a new compact LED projector designed for fixed installation on walls or trusses (fitted with a fixing bracket). MINI FOCUS WHITE is available in 2 distinct models, depending on the white colour temperature of the LED employed:

MINI FOCUS WARM WHITE 3200°K is equipped with 1 white 3200°k LED.

MINI FOCUS COLD WHITE 6000°K is equipped with 1 white 6000°k LED.

Set-up and connection of the units to the dedicated Z LIGHT 1 power supply is fast and easy.

Three interchangeable optical units are available for each model (Spot, Medium flood, Wide flood).

MINI FOCUS WHITE is made on aluminium and stainless steel, offering an Ip65 protection rating, and can therefore be used either indoor or outdoor.

MINI FOCUS WARM WHITE 3200°K (Cod. 03.LDB038.W10) Spot lenses

MINI FOCUS WARM WHITE 3200°K (Cod. 03.LDB038.W25) Medium flood lenses

MINI FOCUS WARM WHITE 3200°K (Cod. 03.LDB038.W40) Wide flood lenses

MINI FOCUS COLD WHITE 6000°K (Cod. 03.LDB039.W10) Spot lenses

MINI FOCUS COLD WHITE 6000°K (Cod. 03.LDB039.W25) Medium flood lenses

MINI FOCUS COLD WHITE 6000°K (Cod. 03.LDB039.W40) Wide flood lenses

All models are available in grey (RAL 9006), grey glitter or other colours on demand.

LED technology

1 x 1W white P4 LED 3200°K or 6000°K;

No infrared emission; no ultraviolet emission

LED average lifespan: 100.000 hours

Optical units

3 lenses sets available (Spot, Medium flood, Wide flood)

Protection

Ip65 protection level against the penetration of solids and liquids

Construction

MINI FOCUS is made on aluminium and stainless steel

Power supply

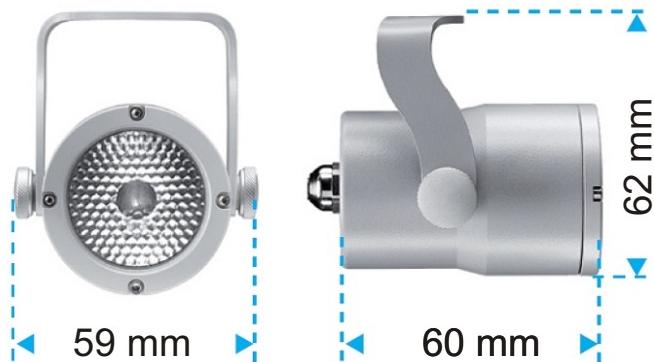
Dedicated Z LIGHT 1 power supply

Standard accessories

Exagonal bolt for fixed installation and knob

ACCESSORIES

- Lenses set Spot (Cod. 0506A018)
- Lenses set Medium flood (Cod. Cod. 0506A019)
- Lenses set Wide flood (Cod. Cod. 0506A020)
- Z LIGHT 1 power supply (Cod. 0502T031)



DESCRIPTION

MINI FOCUS R WHITE

MINI FOCUS R WHITE is a new compact LED projector designed for fixed installation by embedding in floors (featuring a reinforced structure offering high resistance to mechanical stress). MINI FOCUS R WHITE is available in 2 distinct models, depending on the white colour temperature of the LED employed:

MINI FOCUS R WARM WHITE 3200°K is equipped with 1 white 3200°k LED.

MINI FOCUS R COLD WHITE 6000°K is equipped with 1 white 6000°k LED.

Set-up and connection of the units to the dedicated Z LIGHT 1 power supply is fast and easy.

Three interchangeable optical units are available for each model (Spot, Medium flood, Wide flood).

MINI FOCUS R WHITE is made on aluminium and stainless steel, offering an Ip65 protection rating, and can therefore be used either indoor or outdoor.

MINI FOCUS R WARM WHITE 3200°K (Cod. 03.LDB041.W10) Spot lenses

MINI FOCUS R WARM WHITE 3200°K (Cod. 03.LDB041.W25) Medium flood lenses

MINI FOCUS R WARM WHITE 3200°K (Cod. 03.LDB041.W40) Wide flood lenses

MINI FOCUS R COLD WHITE 6000°K (Cod. 03.LDB042.W10) Spot lenses

MINI FOCUS R COLD WHITE 6000°K (Cod. 03.LDB042.W25) Medium flood lenses

MINI FOCUS R COLD WHITE 6000°K (Cod. 03.LDB042.W40) Wide flood lenses

All models are available in grey (RAL 9006), grey glitter or other colours on demand.

LED technology

1 x 1W white P4 LED 3200°K or 6000°K;

No infrared emission; no ultraviolet emission

LED average lifespan: 100.000 hours

Optical units

3 lenses sets available (Spot, Medium flood, Wide flood)

Protection

Ip65 protection level against the penetration of solids and liquids

Construction

MINI FOCUS is made on aluminium and stainless steel

Power supply

Dedicated Z LIGHT 1 power supply

Standard accessories

Exagonal bolt for fixed installation and knob

ACCESSORIES

- Lenses set Spot (Cod. 0506A018)
- Lenses set Medium flood (Cod. Cod. 0506A019)
- Lenses set Wide flood (Cod. Cod. 0506A020)
- Z LIGHT 1 power supply (Cod. 0502T031)



IMPORTANT SAFETY INFORMATION**Fire prevention:**

Never locate the fixture on any flammable surface.
Minimum distance from flammable materials: 10 cm

Safety:

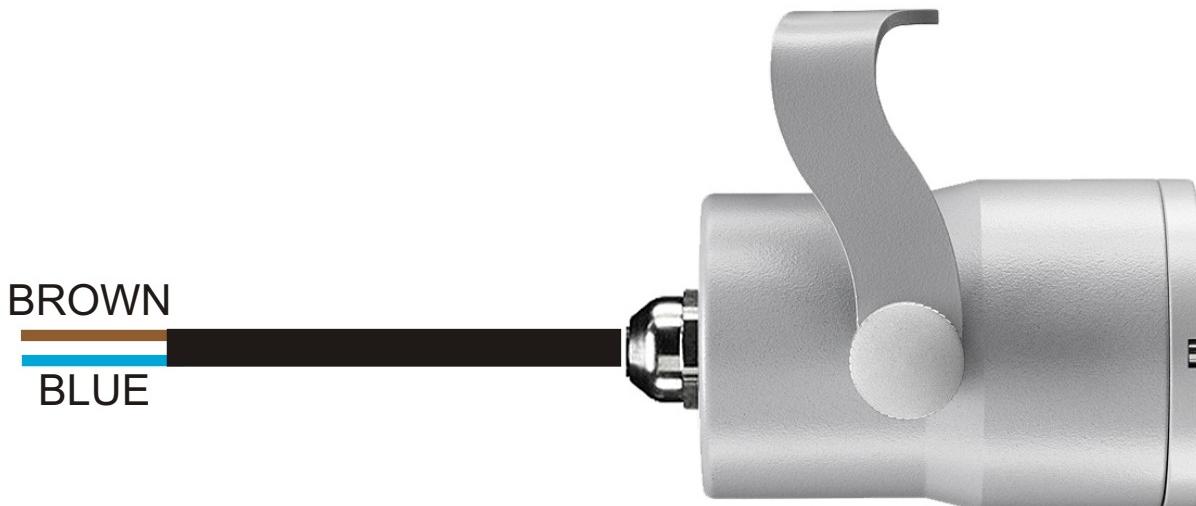
The external surface of the unit may exceed 50°C, never handle the unit until at least 5 minutes have elapsed since the unit was turned off.

Never install the unit in an enclosed area lacking sufficient air flow.

The ambient temperature should not exceed 40°C and should not be lower than -10°C.

WIRING DIAGRAM

MINI FOCUS WHITE and MINI FOCUS R WHITE LED PROJECTOR are provided with a 2 x 0,75 mm²1mt cable



BROWN = +

BLUE = -

For application where Ip 65 rating is not necessary, MINI FOCUS WHITE and MINI FOCUS R WHITE cabling connection can be done with a standard 2 X 075 mm cable as the S/N2GMH2G-J black indoor cable (D.T.S. Code: 0509C041).

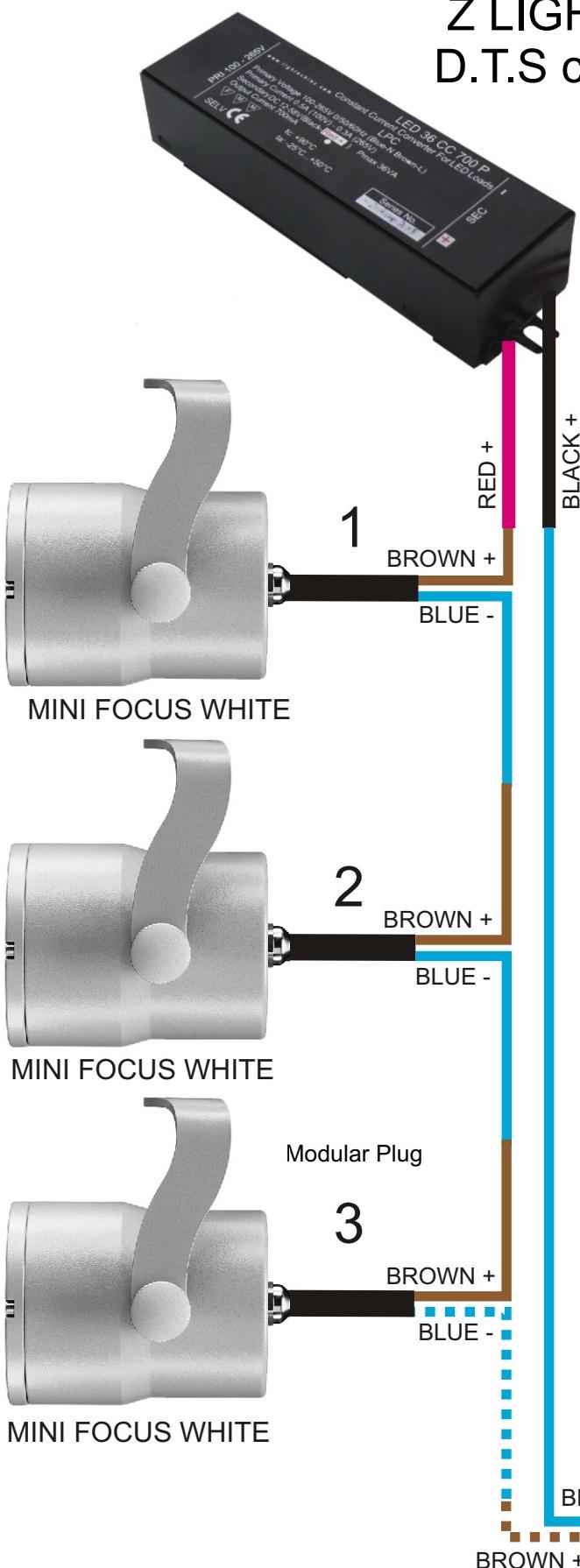
The maximum distance between power supply and the last MINI FOCUS WHITE unit on the line should not exceed 100 meters.

For Ip65 rating application, D.T.S. reccomed the use of a Ip65 cable.

The maximum distance between power supply and the last MINIFOCUS unit on the line should not exceed 100 meters.

WIRING CONNECTIONS

Z LIGHT 1 power supply
D.T.S code 0502T031



Constant current converter

Power supply

RED = +

BLACK = -

IMPORTANT:

The maximum number of MINI FOCUS WHITE connectable to the Z LIGHT 1 Power supply is 12 pcs.

The minimum number of MINI FOCUS WHITE connectable to the Z LIGHT 1 Power supply is 3 pcs.

Never plug in a new MINI FOCUS WHITE when the power supply is turned on.

WARNING:

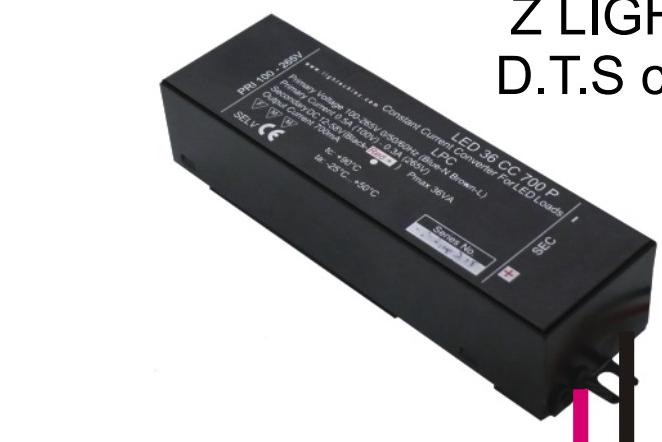
DO NOT CONNECT THE MINI FOCUS TO ANY 12-24 V DC POWER SUPPLY.
DOING SO, YOU WILL DAMAGE THE UNIT.
FOR PROPER WORKING , MINI FOCUS MUST BE DRIVEN WITH A CONSTANT CURRENT POWER SUPPLY (350-500 mA) AS PER "Z LIGHT 1" UNIT.



MINI FOCUS WHITE

WIRING CONNECTIONS

Z LIGHT 1 power supply
D.T.S code 0502T031

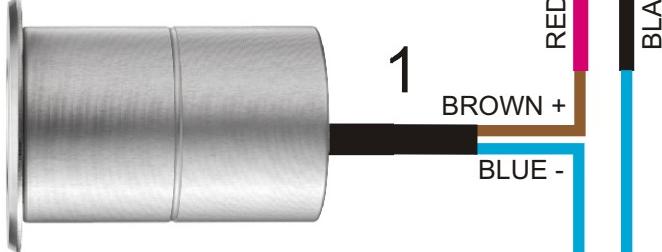


Constant current converter

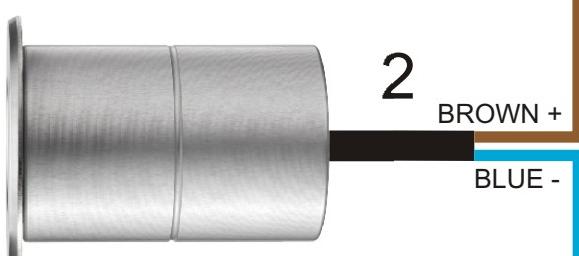
Power supply

RED = +

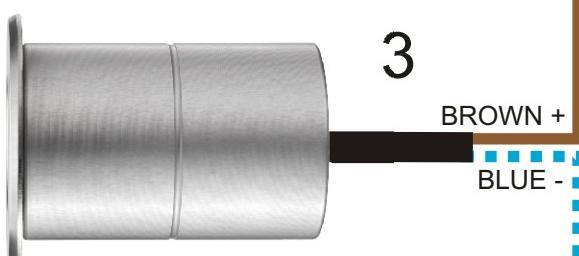
BLACK = -



MINI FOCUS R WHITE



MINI FOCUS R WHITE



MINI FOCUS R WHITE

IMPORTANT:

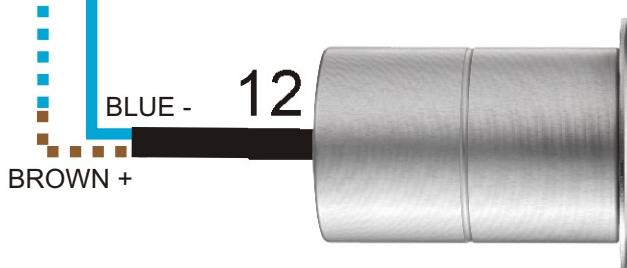
The maximum number of MINI FOCUS R WHITE connectable to the Z LIGHT 1 Power supply is 12 pcs.

The minimum number of MINI FOCUS R WHITE connectable to the Z LIGHT 1 Power supply is 3 pcs.

Never plug in a new MINI FOCUS WHITE when the power supply is turned on.

WARNING:

**DO NOT CONNECT THE MINI FOCUS TO ANY 12-24 V DC POWER SUPPLY.
DOING SO, YOU WILL DAMAGE THE UNIT.
FOR PROPER WORKING, MINI FOCUS MUST BE DRIVEN WITH A CONSTANT CURRENT POWER SUPPLY (350-500 mA) AS PER "Z LIGHT 1" UNIT.**



MINI FOCUS R WHITE

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from D.T.S.

D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

MADE IN ITALY 



The Lighting Company

ISO 9001:2008

D.T.S. quality system
is certified to the
ISO 9001:2008 standard



D.T.S. products are designed
and manufactured at the D.T.S.
plants in Italy



05171141